

# Application for Federal Assistance SF-424

Version 02

*1. Type of Submission		*2. Type of Application		*If Revision, select appropriate letter(s):	
<input type="checkbox"/> Preapplication		<input type="checkbox"/> New			
<input checked="" type="checkbox"/> Application		<input checked="" type="checkbox"/> Continuation		* Other (Specify)	
<input type="checkbox"/> Changed/Corrected Application		<input type="checkbox"/> Revision			
*3. Date Received:			4. Application Identifier:		
5a. Federal Entity Identifier:			*5b. Federal Award Identifier:		
State Use Only:					
6. Date Received by State:			7. State Application Identifier:		
8. APPLICANT INFORMATION:					
* a. Legal Name: California Air Resources Board					
* b. Employer/Taxpayer Identification Number (EIN/TIN): 68-0288069				*c. Organizational DUNS: 195930276	
d. Address:					
*Street1: 1001 I Street Street 2: P.O. Box 1436 *City: Sacramento County: Sacramento *State: CA Province: Country: USA					
*Zip/ Postal Code: 95814					
e. Organizational Unit:					
Department Name: California Air Resources Board			Division Name: Administrative Services Division		
f. Name and contact information of person to be contacted on matters involving this application:					
Prefix: Ms.		First Name: Brandy			
Middle Name:					
*Last Name: Hunt					
Suffix:					
Title: Manager, Budgets, Grants & Revenues Section					
Organizational Affiliation:					
*Telephone Number: (916)445-4845			Fax Number: (916)327-2940		
*Email: brandy.hunt@arb.ca.gov					

**Application for Federal Assistance SF-424**

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9. Type of Applicant 1: Select Applicant Type: A. State Government

Type of Applicant 2: Select Applicant Type:

- Select One -

Type of Applicant 3: Select Applicant Type:

- Select One -

\*Other (specify):

\*10. Name of Federal Agency:

US Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.001

CFDA Title:

Air Pollution Control Support Program

\*12. Funding Opportunity Number:

\*Title:

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

State of California

\*15. Descriptive Title of Applicant's Project:

Program for the control of air pollution emissions as mandated by state and federal law, review of local and regional air pollution control efforts, and other functions appropriate to achieve air quality standard.

Attach supporting documents as specified in agency instructions.

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16. Congressional Districts Of:

\*a. Applicant  
CD-005

\*b. Program/Project:  
CA-all

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

\*a. Start Date: 10/01/14

\*b. End Date: 09/30/15

18. Estimated Funding (\$):

\*a. Federal \$8,130,062.00

\*b. Applicant \$20,515,500.00

\*c. State

\*d. Local

\*e. Other

\*f. Program Income

\*g. TOTAL \$28,645,562.00

\*19. Is Application Subject to Review By State Under Executive Order 12372 Process?

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372

\*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

☐ Yes ☒ No

21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ \*\*I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms.

\*First Name: Pam

Middle Name:

\*Last Name: Biggins

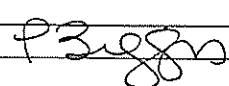
Suffix:

\*Title: Chief, Contracts, Budgets, Grants and Revenues

\*Telephone Number: (916)322-8200

Fax Number: (916)327-2940

\*Email: pam.biggins@arb.ca.gov

\*Signature of Authorized Representative: 

Date Signed: 7/18/14

## Application for Federal Assistance SF-424

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### \*Applicant Federal Debt Delinquency Explanation

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

**BUDGET INFORMATION - Non-Construction Programs**

<b>SECTION A - BUDGET SUMMARY</b>						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Air-105	66.001	\$	\$	\$ 8,130,062.00	\$ 20,515,500.00	\$ 28,645,562.00
2.						
3.						
4.						
5. Totals		\$	\$	\$ 8,130,062.00	\$ 20,515,500.00	\$ 28,645,562.00
<b>SECTION B - BUDGET CATEGORIES</b>						
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)	
	(1) Base Grant	(2) PAMS	(3) Border	(4) Tillage and In-kind		
a. Personnel	17,100,371.00				17,100,371.00	
b. Fringe Benefits	7,611,375.00				7,611,375.00	
c. Travel	311,990.00				311,990.00	
d. Equipment						
e. Supplies	340,590.00	9,331.00	10,000.00	3,000.00	362,921	
f. Contractual			873,187.00		873,187.00	
g. Construction						
h. Other	1,928,883.00		50,000.00	50,000.00	2,028,883.00	
i. Total Direct Charges (sum of 6a-6h)	27,293,209.00	9,331.00	933,187.00	53,000.00	28,288,727.00	
j. Indirect Charges	356,835.00				356,835.00	
k. TOTALS (sum of 6i and 6j)	\$ 27,650,044.00	\$ 9,331.00	\$ 933,187.00	\$ 53,000.00	\$ 28,645,562.00	
7. Program Income	\$	\$	\$	\$	\$	

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. Air-105	20,515,500.00			\$ 20,515,500.00	
9.				\$	
10.				\$	
11.				\$	
12. Total (SUM OF LINES 8-11)	20,515,000.00			\$ 20,515,500.00	
SECTION D - FORECASTED CASH NEEDS					
13. Federal	Total for 1 <sup>st</sup> Year	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter
	\$ 8,130,062.00	\$ 2,032,515.50	\$ 2,032,515.50	\$ 2,032,515.50	\$ 2,032,515.50
14. Non-Federal	20,515,500.00	5,128,875.00	5,128,875.00	5,128,875.00	5,128,875.00
15. TOTAL (sum of lines 13 and 14)	\$ 28,645,562.00	\$ 7,161,390.50	\$ 7,161,390.50	\$ 7,161,390.50	\$ 7,161,390.50
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (years)				
	(b) First	(c) Second	(d) Third	(e) Fourth	
16.	\$	\$	\$	\$	
17.					
18.					
19.					
20. TOTAL (sum of lines 16-19)	\$	\$	\$	\$	
SECTION F - OTHER BUDGET INFORMATION					
21. Direct Charges:			22. Indirect Charges:		
23. Remarks:					

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**AIR RESOURCES BOARD  
2015 SECTION 105 BUDGET DETAIL**

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		<u><b>TOTAL</b></u>
<b>PERSONNEL</b>		
Base - Salaries	17,100,371	
Fringe Benefits	<u>7,611,375</u>	24,711,746
<b>TRAVEL</b>		
Charges to this item include per diem, airfare, car rental, mileage, tolls, parking, and other related travel expenses	311,990	311,990
<b>SUPPLIES</b>		
Charges to this item include laboratory supplies, gases, freight, maintenance, replacement parts and repairs for lab equipment, and other expenses that relate to the laboratory operation.	340,590	
PAMS*	9,331	
Mexico Border Monitoring*	<u>10,000</u>	359,921
<b>SUPPLIES (USEPA In-Kind)</b>		
Purchase of Audit Kits	3,000	3,000
<b>CONTRACTS</b>		
Mexico Border Monitoring and Coordination*	873,187	873,187
<b>OTHER</b>		
Facilities (office space, janitorial)	1,272,512	
General Expense (office supplies, printing)	475,609	
Communications (phone, postage)	183,737	
Training (tuition, films, publications)	47,025	
Conservation Tillage Project	<u>50,000</u>	2,028,883
<b>INDIRECT COSTS</b>		<u>356,835</u>
<b>TOTAL</b>		<u><u><b>\$ 28,645,562</b></u></u>

\* 100% Federal Funds

This grant does not include non-recurring non federal expenditures

**AIR RESOURCES BOARD**  
**2014 SECTION 105 GRANT DETAIL**  
**Personnel and Benefits**

**Personnel**

<u>Positions</u>	<u>Total</u>	<u>Salary Ranges/Mon.</u>	<u>Amount</u>
Air Resources Supervisor	31.0	\$7,377 - 10,137	3,257,604
Staff Air Pollution Specialist	13.0	\$7,472 - 9,354	1,312,428
Air Resources Engineer	39.8	\$4,608 - 8,630	5,036,146
Air Pollution Specialist	91.3	\$4,204 - 8,136	6,762,073
Instrument Technician, Air Quality	12.5	\$3,262 - 5,136	629,850
Air Resources Technician I	1.0	\$2,098 - 3,061	30,954
Office Technician	2.0	\$2,638 - 3,305	71,316
<b>Personnel Total:</b>	<u>190.6</u>		<u>17,100,371</u>

**Fringe Benefits**

Base	17,100,371
Rate	44.51%
<b>Fringe Benefits Total:</b>	<b>7,611,375</b>



**California Air Resources Board**

**Work Program for U.S. EPA 105 Grant**

**Fiscal Year 2015  
Air Resources Board  
Program Overview**

## INTRODUCTION

The California Air Resources Board (ARB) is the State agency responsible for protecting public health and the environment from the harmful effects of air pollution. ARB has 12 Governor-appointed board members and about 1,500 staff in 11 divisions.

ARB oversees all air pollution control efforts in California, including the activities of 35 independent local air districts. State law vests ARB with direct authority to regulate pollution from motor vehicles, fuels, and consumer products. Primary responsibility for controlling pollution from business and industry lies with the local air districts. The federal government retains the exclusive authority to regulate interstate trucks registered outside California, certain new farm and construction equipment, new locomotives, ships, and aircraft. ARB works in cooperation with the districts and the U.S. Environmental Protection Agency (U.S. EPA) on strategies to attain state and federal ambient air quality standards and reduce air toxics emissions. ARB is also the lead agency for implementation of AB 32, the California Global Warming Solutions Act of 2006.

The scientific backbone of California's air quality programs is ARB's research and technical work on the causes, effects, and methods for control of air pollution. Extensive health effects studies assess whether ARB's current programs adequately protect the health of all Californians and enable the identification of pollutants of most concern. California's air monitoring network, emission inventory, and atmospheric modeling capability are the most extensive in the nation. This scientific foundation provides the information needed to pursue effective strategies to cut air emissions and reduce health impacts from air pollution.

ARB's regulatory and other programs continue to set the standard for innovative and effective air pollution mitigation in California. In addition to setting California's standards ARB has partnered with others both nationally and worldwide to assist in setting emission standards. These programs can only achieve their projected benefits if they are properly and consistently implemented. ARB's enforcement program incorporates both a compliance foundation, through industry training programs and compliance assistance materials that provide regulated industries with the opportunity to learn and understand how to comply with regulations, and an enforcement arm that brings violators to justice, effectively creating an incentive to comply.

Outreach and cooperative efforts with community, industry, academic, and governmental stakeholders are critical to achieving ARB's goals: community members help identify priorities and address local concerns; businesses assist in identifying feasible and cost-effective controls with reasonable implementation timeframes; and academic institutions provide the scientific information that support the programs. Other government agencies cooperate on issues that fall under their jurisdiction. These partnerships help ARB meet California's clean air quality goals.

California residents, businesses, and agencies have made tremendous progress in improving air quality. In the South Coast Air Basin, maximum 8-hour ozone concentrations decreased 57 percent from 1985 to 2010, and the number of unhealthy days decreased nearly 49 percent. Maximum daily levels of inhalable particulate matter (PM10) also improved, dropping close to 79 percent between 1990 and 2010. The decrease in health risk from air toxics like benzene and lead has been equally dramatic. Despite this progress, about 93 percent of Californians live in areas designated nonattainment for federal ozone and particulate matter air quality standards.

U.S. EPA continues to strengthen national ambient air quality standards for fine particulate matter (PM2.5), ozone, nitrogen dioxide, sulfur dioxide, and lead. These standards are more health protective and will require additional areas of the state to develop plans and programs to reduce emissions. These new nonattainment areas will need ARB technical assistance to monitor air quality, model future emissions, develop control programs, and ensure compliance of those new programs. In addition, ARB's current motor vehicle, fuels and consumer products programs will need to find new ways to further reduce emissions to ensure that all areas of California can meet these new federal requirements.

ARB programs reflect a commitment to clean air and a healthier future for all Californians. Specific actions to achieve priorities are described in State Implementation Plans and other documents such as the Diesel Risk Reduction Plan, Emission Reduction Plan for Ports and International Freight Transport, the Environmental Justice Action Plan and the Climate Change Scoping Plan.

## **MISSION STATEMENT**

To promote and protect the public health, welfare, and ecological resources through the effective and efficient reduction of air pollutants while recognizing and considering the effects on the economy of the state.

## **AGENCY-WIDE ENVIRONMENTAL MANAGEMENT SYSTEM**

ARB in cooperation with the Boards, Departments, and Offices under the umbrella of the California Environmental Protection Agency (Cal/EPA) follows an agency-wide Environmental Management System (EMS) which integrates green practices in the day-to-day efforts of the organization including environmentally preferred and cooperative purchasing, energy and materials efficiencies, green construction practices, recycling management, and reduction in environmental impacts attributable to employee's job-related travel, including commuting to and from work.

**Please see Attachment A for details of the Policy.**

## **STRATEGIC GOALS**

- Air that is healthy to breathe, sustains and improves our ecosystems, and preserves natural and cultural resources.
- Communities that are free from unacceptable human health and ecological risks due to exposure from hazardous substances and other potential harmful agents.
- Reduce or eliminate the disproportionate impacts of pollution on low-income and minority populations.
- Ensure the efficient use of natural resources.
- Continuous improvement and application of science and technology.

## **STRATEGIC OBJECTIVES**

Air that is healthy to breathe, sustains and improves our ecosystems, and preserves natural and cultural resources.

- Meet the federal and State standards for all criteria pollutants by the required deadlines.
- Maintain air quality in the areas already meeting health standards.
- Identify and reduce emissions and public health risk of non-criteria toxic pollutants.
- Reduce air pollution loading to land and water.
- Reduce emissions of greenhouse gases.
- Reduce ozone depleting gases.
- Reduce the public health risk of indoor air pollution.
- Reduce regional haze to improve visibility.

## **PRIMARY WORK STATEMENT**

**Strategic Plan Goal: Taking Action on Climate Change and Improving Air Quality (Essential Element 1)**

**ARB is developing and implementing new strategies to fulfill the Strategic Plan Goal on a local, regional, statewide, and global level by:**

### **Activities that Meet Strategic Plan Objective 1.1: Address Climate Change (Essential Element 2).**

- **Adopting and implementing measures to reduce greenhouse gas emissions.**

The California Air Resources Board (ARB) is the lead agency for the implementation of the California Global Warming Solutions Act of 2006 (AB 32). In this capacity, ARB has developed greenhouse gas emission inventories by economic sector, required large sources of greenhouse gas emissions to report their emissions, set a 2020 target for emission reductions, adopted nine Discrete Early Action measures to obtain near-term reductions,

adopted a Scoping Plan that lays out California's overall strategy to reduce greenhouse gases, and begun adopting the specific emission reduction measures identified in the Scoping Plan. The Scoping Plan covers a broad and unprecedented range of emission sources such as transportation, electricity generation and other large sources, residential and commercial users, agriculture and forests, landfills, and other sectors. ARB is currently implementing numerous regulations to reduce greenhouse gases including reducing methane emissions from landfills, addressing refrigerant leaks, reducing the carbon intensity of transportation fuels through the Low Carbon Fuel Standard, requiring cleaner cars via the Advanced Clean Car regulation, and capping greenhouse gas emissions statewide through the cap-and-trade regulation.

ARB is also part of a multi-agency Climate Action Team (CAT) that identifies the actions California should take to adapt to the unavoidable consequences of climate change and reduce emissions dramatically by 2050 to avoid catastrophic climate change in the long-term. Under the leadership of the California Natural Resources Agency, ARB together with the other CAT agencies is also helping to finalize California's first comprehensive climate adaptation strategy to reduce our risks to future climate impacts in a coordinated and cost-effective approach.

#### **Activities that Meet Strategic Plan Objective 1.2: Improve Air Quality (Essential Element 2).**

##### **Federal and State Air Quality Planning and Implementation**

- **Meeting obligations under the federal Clean Air Act.**

ARB works with local and federal partners to develop State Implementation Plans for ozone and particulate matter in California non-attainment areas in response to U. S. EPA's promulgation of the new national eight-hour ozone standard and the fine particulate matter (PM<sub>2.5</sub>) standards.

- **Adopting and implementing new strategies to cut ozone, particulate matter, and air toxics from all sources.**

ARB develops and implements technology-advancing, cost-effective emission reduction measures for all sources under its authority including cars and trucks, off-road equipment, recreational vehicles, fuels and fueling operations and consumer products. Reducing particulate matter from diesel engines is the highest priority for the air toxics program. To further cut personal exposure, ARB examines ways to address indoor air pollution.

- **Assessing and improving air quality in the California-Mexico border region.**

ARB works cooperatively with U.S. and Mexican environmental agencies to build the foundation for successful air quality management strategies for the California-Mexico border region. ARB continues to support an air monitoring network located in Tijuana, Tecate, and Mexicali, Mexico and Calexico, California. ARB

provides training, laboratory analysis, and certification of standards in support of the Baja network, and provides technical and administrative support for an Imperial air quality forecasting and alerts website.

- **Improving air quality in the San Joaquin Valley through conservation tillage.**

ARB will work on a special project to develop an educational outreach program on conservation tillage practices for the agricultural community. These practices reduce the amount of particulate matter emitted from agricultural fields, thereby improving the air quality in the San Joaquin Valley.

### **Risk Reduction from Air Toxics**

- **Adopting and implementing measures to reduce the risk from exposure to particulate matter from diesel engines 85 percent by 2020.**

ARB reduces particulate matter from diesel engines through programs that require newer cleaner engines, engine retrofits and cleaner fuels, as well as financial incentives programs to accelerate the clean-up of older, dirtier engines. As part of these programs, ARB has developed regulations that will reduce PM emissions from nearly all on-road and off-road heavy duty diesel vehicles and engines that operate in California.

- **Freight Transport Related Programs and Strategies to Reduce Emissions.**

ARB has adopted and is currently enforcing numerous measures identified in the 2006 Emission Reduction Plan for Ports and Goods Movement. The measures address all significant emission sources associated with the movement of international and domestic freight, including trucks, transport refrigeration units, locomotives, ships, harbor craft, cargo handling equipment, and aircraft. ARB also continues to work closely with the local air pollution control districts to provide incentives for cleaner freight technology through the Carl Moyer Program and the \$1 billion Proposition 1B Goods Movement Emission Reduction Program. These measures and incentives have been incorporated into California's 8-hour ozone and PM<sub>2.5</sub> SIPs for regions where additional reductions are needed. ARB also conducts health risk assessments for major seaports and rail yards in California, works with ports, railroads, and air districts to reduce localized health risk, improves and updates emission inventories, and coordinates with federal agencies to advocate for more effective national and international standards. In addition, ARB is working with stakeholders to identify the advanced technologies needed to transform California freight transport to a sustainable zero- or near-zero emission system over the next several decades.

## **Mobile Source Technology Advancement**

- **Promoting the development, commercialization, and use of zero- and near-zero emission technologies.**

ARB is taking the initial steps in the development of a hydrogen transportation system that is a bridge to a cleaner, more secure, and more sustainable transportation and energy future. ARB recognizes that the development, commercialization, and the use of zero- and near-zero emission technologies is critical for achieving and maintaining federal and State air quality standards.

- **Demonstrating the viability and promoting the commercialization of fuel cells in many applications.**

ARB is a member of the California Fuel Cell Partnership and the California Stationary Fuel Cell Collaborative. The California Fuel Cell Partnership is a collaboration of automotive manufacturers, fuel providers, fuel cell technology companies, and government agencies that are placing fuel cell electric vehicles on the road in California. ARB's role in the partnership includes support of zero emission bus demonstrations, development of fueling codes and standards, development of infrastructure deployment, and education and outreach.

The California Stationary Fuel Cell Collaborative promotes the use of fuel cell technology in distributed generation and other stationary applications to help bring clean, efficient, reliable and sustainable power to all Californians. The collaborative promotes the deployment of fuel cell technologies as a means of reducing or eliminating air pollutants and greenhouse gas emissions; increasing energy efficiency; promoting energy reliability and independence; advancing informed public policy; initiating public demonstrations of stationary fuel cells for distributed generation; conducting key studies to further existing knowledge about fuel cell capabilities and the impact of fuel cells for distributed generation; raising public awareness about and acceptance of this technology; and helping the state of California move closer to realizing a sustainable energy future.

- **Participating in the implementation of the California Hydrogen Refueling Network.**

ARB works to support establishment of a hydrogen refueling infrastructure to support and catalyze a rapid transition to a clean hydrogen transportation economy in California that has promise to provide a cleaner, more secure and more sustainable transportation and energy future; reduce our dependence on foreign oil; reduce greenhouse gas emissions; improve our air quality; and grow the California economy. ARB is working to establish hydrogen fueling station demonstration projects and acquire a diverse fleet of hydrogen vehicles for use in State fleets and university or airport shuttle services.



## **Environmental Justice Efforts**

- **Implement Environmental Justice Policies.**

ARB continues to implement the Policies and Actions for Environmental Justice adopted in 2001. This includes but is not limited to evaluating whether major programs, policies and regulations consider the impact of ARB actions on environmental justice communities.

### **Supporting Work Elements that Meet Strategic Plan Objective 1.1: Address Climate Change And Strategic Plan Objective 1.2 Improve Air Quality (Essential Element 2).**

#### **Improving Pollution Monitoring**

- **Promoting the advancement of air pollution monitoring equipment technology.**

ARB enhances emission monitoring and measurement methods through its research program.

#### **Improving the scientific understanding of the relationship between air pollution and health effects by:**

- **Understanding the relationship between air pollution and health effects.**

ARB evaluates and establishes clean air targets that protect the health of all Californians, including sensitive individuals and those living in areas with environmental justice concerns, and the State's sensitive ecosystems.

- **Characterizing air pollution exposure.**

ARB advances its understanding of human exposure to air pollution by characterizing personal exposure to pollutants from both indoor and outdoor sources. This allows ARB to focus regulatory activities on those pollutants that represent the greatest health concerns.

- **Developing an understanding of the sources of global air pollution and its impacts on the environment.**

ARB is working to better understand the effects of changes in the global climate due to increases in carbon dioxide and other greenhouse gases. ARB also identifies the research needed to determine the impact of these changes on regional air quality and, in turn, on existing and future control strategies. In addition, a more quantitative understanding of the sources of global climate change is needed before effective mitigation methods can be determined and assessed.



**Improving technical tools to assess the nature and sources of air pollution, and evaluating the effectiveness of air quality improvement strategies by:**

- **Developing the atmospheric modeling capability needed to support attainment demonstrations for the federal and State ozone and particulate matter standards.**

ARB and U.S EPA work together to plan and carry out the work necessary to ensure that the air quality modeling needed to develop plans for attaining federal and State ozone and particulate matter standards is based on the best science possible.

- **Refining the current understanding of particulate matter pollution.**

ARB works to have a science-based understanding of the nature of the particulate matter problem, the relative contribution of pollution sources, and how the problem varies by area.

- **Developing new tools to provide air quality information to the public.**

ARB staff develops community based internet tools that provide air quality and emissions information to the public in an easy to use format.

**Ensuring regulatory programs achieve the necessary emission reductions through compliance assistance paired with aggressive, firm, and fair enforcement:**

- **Broadening ARB's mobile source enforcement program to address newly targeted sources and tackle emerging and expanding pathways of commerce.**

ARB designs and implements new compliance/enforcement strategies to ensure the effective implementation of new regulations such as those that limit heavy-duty diesel vehicle idling, and reduce emissions from solid waste collection vehicles, and minimize emissions from California's shipping ports and rail yards.

- **Coordinating multimedia inspections and investigations with other Cal/EPA agencies.**

ARB works with other law enforcement agencies (including environmental, police, customs and immigration, and the U.S. Coast Guard) to establish a strong enforcement presence statewide to address all manner of transportation violations.

- **Strengthening and fine-tuning enforcement efforts in the fuels, consumer products, cargo tanks, asbestos abatement, and other non-mobile source programs.**

ARB is expanding its enforcement program to address several new emission areas -- including incineration practices on cruise ships, locomotive idling, and fuels used by ships while in and around the ports.

- **Supporting efforts to improve local air district enforcement and permitting programs.**

ARB provides an oversight role to the air districts by offering assistance and training to district inspection staff, providing enforcement compliance program evaluations, and additional source inspections and testing.

**Please see Attachment B for specific work plan products.**